**Pollution topics: Present the cause, effect & solutions to this particular pollutant.**

* Solid Waste
  + Municipal waste
  + Lawn Waste
  + CAFOs (confined animal feeding operations)
* Water Pollution
  + From acid rain
  + Thermal pollution
  + Sedimentation (from dams)
  + Hexavalent chromium: Cr(VI)
    - *Featured in film* Erin Brockovich
* Air Pollution
  + *Indoor air pollution*
    - Radon
    - CO (carbon monoxide)
  + *Tropospheric pollution*
    - by-products from oil refining
    - SO2
    - VOCs (volatile organic compounds)
    - O3
    - NOx (NO & NO2)
    - PM10 & PM2.5 (particulate matter)
  + *Stratospheric Pollution*
    - CFC
* Soil & Insecticides
  + Impacts of acid rain
  + DDT
* Neurotoxins
  + PCB
  + Dioxin
  + Pb: Leaded gasoline & Nascar
  + Hg (mercury)
* CO2 Geoengineering
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Disasters & Historic Events**

* *Oil Spills*
  + Prince William Sound, AK- Exxon Valdez (1989)
  + BP oil spill in the Gulf of Mexico (2009)
* *Chemical pollutants*
  + Love Canal, Niagara, NY (1940s – 1950s)
  + Minamata, Japan (1957-58)
  + Bhopal, India (1984)
* *Nuclear*
  + Three Mile Island, PA, USA (1979)
  + Chernobyl, Ukraine (1986)
  + Fukushima, Japan (2011)

**Other:**